## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for manufacturing imide-substituted polymers comprising the steps of:

copolymerization step done by dividing the feed into the Mixture (A) composed of aromatic vinyl monomers, initiators, and chain transfer agents and the Mixture (B) composed of unsaturated dicarboxylic anhydride monomers and solvents, and then charging copolymerization reactors simultaneously with them while adjusting the flow rate of each mixture according to the compositional ratio of the feed, and finally copolymerizing aromatic vinyl monomers and unsaturated dicarboxylic anhydride monomers in the copolymerization reactors, wherein the mole ratio of the aromatic vinyl monomers to the unsaturated dicarboxylic anhydride monomers is 0.67-6.0:1, wherein the residence time in this step is within the range of 2.0 to 5.0 hours and the temperature of polymerization in this step ranges from 80 to 150°C, and wherein the conversion of the unsaturated dicarboxylic anhydride in this step is greater than 95 wt% and the conversion of the aromatic vinyl monomer is in the range of 67-85 wt%;

separation step performed by supplying the polymerized solution discharged from the copolymerization reactors into a separator continuously, and then removing unreacted monomers and solvents sufficiently;

imide substitution step accomplished by supplying the polymer melt discharged from the separator continuously into imide substitution reactors and adding continuously the Mixture (C) composed of primary amines, catalysts for an imide substitution reaction, and solvents at the same time, and then reacting unsaturated dicarboxylic anhydride units in said copolymers with primary amines; and

devolatilization step done by removing low-molecular-weight volatiles from the polymer solution discharged from the imide substitution reactors in a devolatilizer,

wherein the imide-substituted polymer includes 40-55 wt% of aromatic vinyl units, 0-5 wt% of unsaturated dicarboxylic anhydride units, and 40-60 wt% of the imidized units from unsaturated dicarboxylic anhydride units, and the content of aromatic vinyl homopolymers

contained in the imide-substituted polymer manufactured through the devolatization step is less

than 3 wt%.

2. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said aromatic vinyl monomer in the Mixture (A) is selected from the group

consisting of styrene, α-methylstyrene, vinyl toluene, t-butylstyrene, chlorostyrene, substituted

monomers thereof and mixtures thereof.

3. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the amount of said aromatic vinyl monomer in the Mixture (A) is 20 to 60 wt%

of the total amount of Mixtures (A) and (B) fed into said copolymerization reactors.

4. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said initiator in the Mixture (A) is selected from the group of organic peroxides

having two or more functional groups including 1,1-dibutyl-peroxy-3,3,5-trimethylcyclohexane,

1,1-dibutyl-peroxy-cyclohexane, 2,2-dibutyl-peroxy-butane, 2,2,4-trimethyl-pentyl-2-

hydroperoxide, 2,5-dimethyl-2,5-di-(t-butyl-peroxy)hexane, 2,5-dimethyl-2,5-di-(benzoyl-

peroxy)hexane, 1,1-di(t-amyl-peroxy)cyclohexane, 2,2-bis(4,4-di-t-butyl-peroxy-

cyclohexyl)propane, ethyl-3,3-di(t-amyl-peroxy)butylate, ethyl-3,3-di(t-butyl-peroxy) butylate,

1,1-bis(t-butyl-peroxy)-3,3,5-trimethyl-cyclohexane, and t-butylperoxy-3,3,5-trimethylhexanoate.

5. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the amount of said initiator in the Mixture (A) is 0.01 to 0.1 wt% of the total

amount of Mixtures (A) and (B) fed into said copolymerization reactors.

6. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said unsaturated dicarboxylic anhydride monomer in the Mixture (B) is selected

from the group consisting of maleic anhydride, methylmaleic anhydride, ethylmaleic anhydride,

phenylmaleic anhydride, citraconic anhydride, aconitic anhydride, and mixtures thereof.

7. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the amount of said unsaturated dicarboxylic anhydride monomer in the Mixture

(B) is 10 to 30 wt% of the total amount of Mixtures (A) and (B) fed into said copolymerization

reactors.

8. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said solvent in the Mixture (B) is selected from the group consisting of methyl

ethyl ketone (MEK), cyclohexanone, methylisobutyl ketone (MIBK), acetone, dimethyl

formamide, dimethyl sulfoxide, and mixtures thereof.

9. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the amount of said solvent in the Mixture (B) is 20 to 60 wt% of the total

amount of Mixtures (A) and (B) fed into said copolymerization reactors.

10. (Canceled).

11. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said copolymerization reactors in said copolymerization step have one or more

reactors consecutively and the temperature of each reactor is increased gradually within the range

of 80 to 150 °C.

12. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the inside of said separator in said separation step has a temperature condition

within the range of 150 to 300 °C and a pressure condition within the range of 20 to 200 torr.

13. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said primary amine in the Mixture (C) is selected from the group consisting of

methylamine, ethylamine, propylamine, butylamine, hexylamine, cyclohexylamine, decylamine,

aniline, toluidine, chlorophenylamine, bromophenylamine, and mixtures thereof.

14. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the content of said primary amine in the Mixture (C) is ranged from 0.5 to 2.0

times in the mole ratio to the content of the unsaturated dicarboxylic anhydride units in the

polymer melt supplied from the separation step.

15. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein said catalyst for an imide substitution reaction in the Mixture (C) is selected

from the group consisting of trimethylamine, triethylamine, tributylamine, and mixtures thereof.

16. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the amount of said catalyst in the Mixture (C) is less than 10 wt% of the amount

of the primary amine in the Mixture (C).

17. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the amount of said solvent in the Mixture (C) is 0.5 to 3.0 times of the amount

of said solvent in the Mixture (B).

18. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the reaction temperature of said imide substitution step is ranged from 120 to

200 °C.

19. (Original) The method for manufacturing the imide-substituted polymer according to

claim 1, wherein the inside of said devolatilizer in said devolatilization step has a temperature

condition within the range of 200 to 350 °C and a pressure condition within the range of 10 to 100

torr.

20. (Canceled)

21. (Previously presented) The method for manufacturing imide-substituted polymers

according to claim 1, wherein the residence time in said imide substitution step is within the range

of 1.5 to 4.0 hours.

22. (Canceled)

23. (Previously presented) An imide-substituted polymer manufactured according to

Claim 1.

24. (Previously presented) The method for manufacturing imide-substituted polymers

according to claim 1, wherein said imide-substituted polymer has a weight averaged molecular

weight of 140,700 to 150,400 g/mol.